

## ABSTRACT

It is to provide agents for diagnosing, preventing and treating a disease related to JNK3 cascade.

The present invention provides a novel polypeptide JSAP which binds to JNK3, a production method of the polypeptide, DNA encoding the polypeptide, a recombinant DNA obtained by inserting the DNA into a vector, a transformant comprising the recombinant vector, an antibody recognizing the polypeptide, a determination method and immunostaining method of the polypeptide of the present invention using the antibody, a screening method using the polypeptide, and agents for diagnosing, preventing and treating a disease related to JNK3 cascade using the polypeptide, the DNA or the antibody.